

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

13

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 03/14/2017		2. CONTRACT NO. (If any) EP-C-16-007		6. SHIP TO:	
3. ORDER NO. 0001		4. REQUISITION/REFERENCE NO. PR-OW-17-00149		a. NAME OF CONSIGNEE AWPB-MB	
5. ISSUING OFFICE (Address correspondence to) CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268				b. STREET ADDRESS US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T	
				c. CITY WASHINGTON	e. ZIP CODE 20460
7. TO: LYNN PETRAZZUOLO				f. SHIP VIA	
a. NAME OF CONTRACTOR Avanti Corporation				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 5520 CHEROKEE AVENUE SUITE 205				Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY ALEXANDRIA		e. STATE VA	f. ZIP CODE 223122319		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input checked="" type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	
<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED	<input checked="" type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM		<input checked="" type="checkbox"/> h. EDWOSB		
13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 796250538 TOCOR: bhasty Max Expire Date: 05/26/2021 Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$955,760.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						(b)(4)
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711			

22. UNITED STATES OF AMERICA BY (Signature) 03/14/2017

ELECTRONIC
SIGNATURE

23. NAME (Typed)
Sandy Licis
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/14/2017	CONTRACT NO. EP-C-16-007	ORDER NO. 0001
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	Admin Office: CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 Period of Performance: 02/01/2018 to 11/30/2020 Base Period Accounting Info: 16-17-B-87FM-202BD4XPQ-2505-1687ME6038 -001 BFY: 16 EFY: 17 Fund: B Budget Org: 87FM Program (PRC): 202BD4XPQ Budget (BOC): 2505 DCN - Line ID: 1687ME6038-001 Funding Flag: Complete Funded: \$0.00 Accounting Info: 17-E1-87FM-202B06XP1-4183-1787ME7006-0 01 BFY: 17 Fund: E1 Budget Org: 87FM Program (PRC): 202B06XP1 Budget (BOC): 4183 DCN - Line ID: 1787ME7006-001 Funding Flag: Complete Funded: (b)(4)				(b)(4)	
0002	Option Period 1 (Option Line Item) 02/01/2020				(b)(4)	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$955,760.00

**Performance Work Statement
NARS2 Contract
EP-C-16-007 Task Order 1**

TITLE: 2018-2019 National Rivers and Streams Assessment: Benthic Macroinvertebrate Identification

A. EPA PERSONNEL

Task Order Contracting Officer Representative (TOCOR):

Name: Brian Hasty
Office: Office of Water/Office of Wetlands, Oceans & Watersheds/Assessment and Watershed Protection Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-564-2236
E-mail: hasty.brian@epa.gov

Alternate Task Order Contracting Officer Representative (ATOCOR):

Name: Richard Mitchell
Office: Office of Water/Office of Wetlands, Oceans & Watersheds/Assessment and Watershed Protection Division/Monitoring Branch
Address: 1200 Pennsylvania Avenue NW (4503T), Washington, DC 20460
Telephone: 202-564-0644
E-mail: mitchell.richard@epa.gov

B. PERIOD OF PERFORMANCE

February 1, 2018 through November 30, 2020

C. TASK ORDER TYPE

Firm Fixed Price

I. BACKGROUND:

The U.S. EPA, states and other partners are planning the third survey of the nation's rivers and streams to provide regional and national data on their condition. The 2018-2019 National Rivers and Streams Assessment (NRSA) is designed to evaluate conditions in the nation's rivers and streams. Field crews from EPA, United States Geological Survey (USGS), States, and Tribes will collect samples from sites from May 1 through September 30 in study years 2018 and 2019. The field sampling method involves the collection of benthic macroinvertebrates from stream and river bottom substrates. Laboratory analysis of the samples shall begin in 2018 and end in 2020.

EPA arranges for laboratory support for processing benthic samples. States and Tribes can choose to use their own laboratories or EPA's contract laboratory. Because of State, Tribal, and EPA choices, the actual number of samples can vary throughout the season. In addition, there are circumstances in which field crews might not collect samples, either in part or in whole. For example, some sample transects may be too dangerous to access, so those subsamples may not be collected. Considering these aspects, the contractor shall receive a minimum of 1500 samples for processing through the life of the task order. To allow for the potential of additional samples collected by the survey, Islands, and other regional studies, the task order contains options for EPA to order up to another 1000 additional samples (10 options of 100 samples).

Before the laboratory submits the data to EPA, the taxonomist who generated the data and a quality assurance manager/data reviewer must independently check and review the data:

- The taxonomist shall review the data to ensure that:
 - Sample preparation information is correct and complete
 - Taxonomy data/information is correct and complete
 - The appropriate method from the NRSA Laboratory Operations Manual was followed
 - Analytical results are correct and complete
 - Quality control measures were within established limits
 - Documentation is complete
- The quality assurance manager/data reviewer shall review the data package to verify that:
 - Internal QC are included for each batch of samples
 - Taxonomy data are scientifically sound and appropriate
 - Quality control measures were within established guidelines
 - Qualitative and quantitative results are correct
 - Data spreadsheet conforms to EPA data template requirements
 - Documentation is complete

Accompanying its data submission for each batch, the laboratory shall provide a short narrative that includes the following information:

- Project summary referencing the batch QC identification number, total number of samples in the batch and their sample numbers, and the analytical methodology used for analysis;
- Discussion of any protocol deviations that may have occurred during sample testing;
- Discussion of QC questions that were encountered and the corrective measures taken;
- Definitions of any laboratory QC codes used in the data;
- Internal QC exceeding established control limits or parameters required by laboratory internal analytical SOPs.

II. PURPOSE

The purpose of this task order is to identify the taxa of benthic macroinvertebrate communities in samples collected in the 2018-2019 NRSA and related studies. The types of support required for this project include technical support, sample identifications, transmittal of the results in database format, and a reconciled database at the conclusion of quality control procedures.

III. GOVERNMENT FURNISHED INFORMATION

EPA will arrange for delivery of the samples to the laboratories.

The following documents are references for the task order. They are located at:

https://usepa.sharepoint.com/sites/OW_Community/nars/layouts/15/start.aspx#/Contracts/Forms/AllItems.aspx.

- 2018-2019 Laboratory Operations Manual (LOM) (The PWS refers to the relevant chapter as the “Method.”)
- 2018-2019 Field Operations Manual (FOM); and
- Data template (i.e., spreadsheet for reporting laboratory data).

As they become available, the EPA TOCOR will provide the contractor with revisions of relevant documents, including the 2018-2019 FOM, 2018-2019 LOM, and any other information deemed necessary for the contractor to provide the support for the Performance Work Statement (PWS).

IV. GENERAL REQUIREMENTS

In providing support under the tasks described in Section V, the contractor also shall adhere to the following general requirements:

1. Deliverables (see Contract PWS B.1)

Memoranda shall be placed on company letterhead and the subject line shall include the phrase “EPA Contract #”.

The contractor shall name all electronic files using a logical abbreviation for the name of the document (e.g., TO14Data), the contractor name, and the date of edits to assist in version control (ex: TO14Data_LABNAME_2020_12_02).

The contractor shall use EPA’s templates for reporting the results of the taxonomic analyses for the NRSA samples. For any other database or spreadsheet submitted to EPA, the contractor shall provide metadata that, at a minimum, identify the fields recorded for each sample, define the codes used for the field, and include the version number and date.

The contractor shall ensure that documentation is created using Agency standard software formats (e.g., Microsoft Office) to facilitate EPA use and review. Final versions shall be provided to EPA in the original format (e.g., Excel). All files that must be available for public access shall also be Section 508 compliant.

2. Identification at Meetings/Teleconferences (see Contract clause C.2)

Contractor personnel shall always identify themselves as contractor employees by name and organization. Contractor personnel are prohibited from acting as the Agency’s official representative. The contractor shall refer any questions relating to the interpretation of EPA

policy, guidance, or regulation to the TOCOR.

The contractor shall follow the provision of EPA prescription 1523.703-1, Acquisition of environmentally preferable meeting and conference services (May 2007), for the use of off-site commercial facilities for an EPA event, whether the event is a meeting, conference, training session, or other purpose. Environmental preferability is defined at FAR 2.101, and shall be used when soliciting quotes or offers for meeting/conference services on behalf of the Agency. No single event under this TO is anticipated to exceed \$20,000. The contractor shall immediately notify the EPA Contracting Officer, PO and TOCOR of any anticipated event involving support for a meeting, conference, workshop, symposium, retreat, seminar or training that may potentially incur \$20,000 or more in cost during performance. Conference expenses are all direct and indirect costs paid by the government and include any associated authorized travel and per diem expenses, room charges for official business, audiovisual use, light refreshments, registration fees, ground transportation and other expenses as defined by the Federal Travel Regulations. All outlays for conference preparation should be included, but the federal employee time for conference preparation should not be included. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

V. SCOPE OF WORK

The contractor shall provide laboratory support for the sorting, identification, and enumeration of benthic macroinvertebrates as described in the following tasks.

Task 1. Task Order Management and Monthly progress reports (See Contract Attachment 3; PWS B.2 and C.4)

The contractor shall manage the Task Order (TO) and submit monthly progress and financial reports prepared and submitted in accordance with the contract clause, Contract Attachment 3, Reports of Work.

- a. Teleconferences: The contractor, and its laboratories, shall participate in EPA's teleconferences about laboratory procedures for receiving, storing, tracking, analyzing, and reporting benthos samples and results. Prior to the shipping of the first specimens in each sampling year (2018, 2019), EPA will coordinate and facilitate 1-3 teleconference calls, each to last approximately 1 hour, to review the Method, required reporting elements, data templates, and the relevant requirements in the QAPP. The participants will include EPA, the contractor's laboratories, subcontract laboratories, and State laboratories. If EPA conducts multiple teleconferences (e.g., due to State laboratory personnel availability), the contractor shall participate in all calls because different issues may arise that would require feedback from the contractor. The goal of the teleconferences is to ensure consensus on the analytical procedures and a schedule for sample processing and reporting. The agenda will include review of the:
 - i. QAPP
 - ii. LOM

- iii. Data template
 - iv. Taxonomic references
 - v. Training, experience, and proficiency of taxonomists
 - vi. Standard Operating Procedures (SOPs)
 - vii. Possible consultation with independent experts to resolve taxonomic discrepancies.
- b. Status Summaries: Prior to delivering the progress report, the contractor shall provide monthly status summaries. The monthly status summary shall match the time period covered by the progress report. The contractor shall provide Excel spreadsheets with the monthly status summaries that include:
- i. The number of samples for which specimens were delivered.
 - ii. The number of samples for which the laboratory has finished data entry.
 - iii. The taxonomists that performed the identifications.
 - iv. Percent capacity reached in the contract (i.e., number of samples in 1.c.ii compared to the maximum number specified in task order when all quantities are exercised).
 - v. Data for the samples processed, or reconciled, since the previous summary. The contractor shall report the data using EPA's data template, but updated with the new, revised, and reconciled data. In addition, the contractor shall provide a separate case narrative (e.g., emailed Word or pdf file) for the EPA TOCOR to review with the data.
 - vi. Filename for each image corresponding to taxon identified in the processed data (task 1.c.v). Separately provide any new image. (The contractor only needs to provide an image for a taxon once).
 - vii. Provide a simple list of the invoiced samples with sample #, site ID, and visit #. The TOCOR will compare the list with the NRSA master list of samples to verify that every sample has been invoiced one time.
- c. Monthly Progress and Financial Reports: The contractor shall provide a progress and financial report each month that matches the costs in the corresponding invoice.
- i. The contractor shall provide a progress report each month that includes project status; expenditures to date; number of samples in each processing stage compared to the plan; unexpected problems or concerns, including with quality assurance; lessons learned; QA/QC activities; and next steps. The contractor shall prepare and submit the monthly progress reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - ii. The contractor shall prepare and submit the financial reports in accordance with the contract clause, Contract Attachment 3, Reports of Work.
 - iii. For the sample analyses completed during the month and billed in the invoice, the financial report shall identify the sample using its site identification code and sample number.
 - iv. For the month in which the contractor delivers the final database for Task 4, the contractor shall include the costs for Task 4.

- d. **Issues Requiring EPA Resolution:** The contractor shall immediately notify the EPA TOCOR of any unexpected problems or concerns, including issues with QA/QC, and recommend remedies or corrective actions. Upon receiving written technical direction from the EPA TOCOR, the contractor shall revise its schedule in the technical proposal. The contractor also shall include problems and concerns in the monthly progress report.

Deliverables and Schedule under Task 1:

Subtask	Deliverable	Due
a.	Participation in teleconferences	Date/time per written technical direction from EPA TOCOR based upon contractor's recommended dates/times
b.	Status updates with data in spreadsheet, sample list, and separate case narrative.	Monthly
c.	Progress and financial reports in electronic format	Monthly
d.	Email	Immediately when issue identified.
e.	Revised technical plan and schedule	Revisions within 5 working days per written technical direction.

Task 2. Quality Assurance (Contract PWS B.3)

Quality Assurance (QA) is an important component of EPA's work to assure that minimum quality standards are attained. The contractor shall address the QA requirements of this task order by adhering to the requirements and procedures identified in:

- The contractor's Quality Management Plan incorporated into this NARS contract;
- NRSA Survey QA documents which document how quality assurance and quality control will be applied to the collection of environmental data for the survey. The documents relevant to support in this task order are:
 - Quality Assurance Project Plan (QAPP)
 - Laboratory Operations Manual (LOM)

The documents relevant to support in this task order are accessible using either of the following links:

[NRSA 2018-19;](#)

https://usepa.sharepoint.com/sites/OW_Community/nars/Contracts/Forms/AllItems.aspx?RootFolder=%2Fsites%2FOW%5FCommunity%2Fnars%2FContracts%2FNRSA%202018%2D19&FolderCTID=0x012000D2659C9F8643874BA6B5B681F1DF3450&View=%2FBC2F0372F%2D5749%2D4924%2DBDFD%2D289A6C381484%7D

The 2018-2019 NRSA quality documents will evolve throughout the task order. The contractor shall notify the EPA TOCOR immediately if it identifies areas where its previous activities are not consistent with the revisions made to the 2018-2019 QAPP and LOM. The EPA TOCOR will determine whether any modifications to the contractor's previous activities will be necessary, which may require a modification to the task order by the EPA Contracting Officer (CO).

As demonstration of the contractor's:

- a. Commitment to adhere to the QAPP, the contractor's Quality Assurance Official (QAO) and each laboratory's QAO shall sign the page "Review & Distribution Acknowledgment and Commitment to Implement" in the introductory section of the QAPP. The contractor shall distribute the version of the QAPP and LOM available at award of the task order, and any additional revisions approved by the EPA QAO, throughout the contractor's organization, including subcontractors and consultants. If EPA distributes an updated version of the LOM and states that it contains a "significant change" relevant to taxonomic analyses, the contractor shall acknowledge, in writing (e.g., Email), that it has received and distributed the revised LOM to the appropriate personnel.
- b. Implementation of QA in performing the other tasks in this Performance Work Statement, the contractor shall document its QA activities as follows:
 - i. Standard Operating Procedures (SOPs) and any other quality assurance documentation developed or adopted by the contractor's laboratory for use in performing the required analyses. If the contractor does not develop or modify them as part of the costs incurred by the task order, the contractor may claim the SOPs to be proprietary.
 - ii. Reports of relevant QA activities in any deliverable. All QA documentation prepared under the task order shall be considered non-proprietary.
 - iii. Monthly reports of QA activities performed during implementation of this task order. These monthly QA reports shall identify QA activities performed to support implementation of this task order, problems encountered, deviations from the QAPP, and corrective actions taken. The contractor shall include the QA report with the monthly progress report.
- c. Ability to conform to NRSA measurement quality objectives, the contractor shall, at a minimum, ensure that the data meet the measurement quality objectives in the QAPP.

Deliverables and Schedule under Task 2:

Subtask	Deliverable	Due
a.	Original QAPP signature page	No later than 5 working days after effective date of task order
	Email acknowledgement of LOM with "significant change"	No later than 10 working days after receiving revised LOM

Subtask	Deliverable	Due
	Laboratory SOPs	No later than 5 working days after effective date of task order. If the laboratory modified the SOPs during the performance period, provide the final versions 5 working days before the end of the performance period. Otherwise, provide an email stating that the SOPs have remained unchanged throughout the task order.
	Documentation of QA activities	With deliverables
	Bench sheets with QC Officer review	With monthly progress report
b.	Monthly reports of QA activities during months when samples are delivered and/or processed	With monthly progress report
c.	Data and QC elements identified in procedure	With database

Task 3. Benthic Analysis (Contract PWS B.3.e, C.4)

The contractor shall strictly follow ALL procedures in the Method for sub-sampling, sorting, counting and identifying benthic macroinvertebrate organisms in samples collected by the NRSA field crews in 2018 and 2019. In addition, the contractor shall use Caton-style trays.

If the contractor identifies a situation requiring a minor change in the Method, the EPA TOCOR must approve the deviation before the contractor can implement the change.

In addition to the delivery of data addressed in Task 1, the contractor shall provide the deliverables resulting from the following activities:

- a. Log each sample and record the condition of the sample container into the NARS Information Management (IM) system within 24 (clock) hours of the sample arriving at the laboratory. If the sample does not arrive when expected, the contractor shall immediately notify the EPA TOCOR or her designee. Alternatively, for shipments with a large number of samples, the contractor shall email a spreadsheet with the sample login information to the EPA TOCOR with a copy to the person assigned to track the samples for the survey.
- b. Provide an email to the EPA TOCOR with any recommended changes to keys and references.
- c. Develop a reference library using preserved specimens. In the library, the contractor shall include one of each unique type of organism identified, as described in the Method. The contractor shall provide access to the specimens and a copy of the digital library to EPA.

d. Retain:

- Samples and sorting residuals for the period specified in the Method.
- Original records, including bench notebooks and the reference library, for a minimum of ten (10) years from the date that EPA publishes the final report.

If EPA determines that transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) with the contractor for any necessary packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

- e. Retain original records, including laboratory notebooks and the reference library, for a minimum of 10 years from the date that EPA publishes the final report. If EPA determines that copies or physical transfer to another location is necessary, EPA will make separate arrangements (e.g., task order modification, purchase order) for any necessary photocopying, packaging and shipping expenses. Otherwise, at the end of the retention period, the contractor shall follow its internal protocols for disposal.

Unless the TOCOR grants an exception, the contractor shall not publish findings based upon work conducted under this task order. This restriction shall remain in effect until EPA provides public access to the data.

Deliverables and Schedule under Task 3:

Subtask	Deliverable	Due
a.	Sample logged into NARS IM system or transmittal of spreadsheet	Within 24 (clock) hours of sample receipt
a.	Email identifying missing sample	Immediately if sample does not arrive when expected
b.	Email with recommended changes to keys and references	Within 5 working days of identified need for change.
c.	Access to specimens in reference library	Upon EPA TOCOR's written request via technical direction.
c.	Copy of digital library by email, FTP transfer, or SharePoint upload	With final database. Interim copies within 10-15 days per written technical direction from the EPA TOCOR.
e.	Access to laboratory notebooks	Upon EPA TOCOR's written request via technical direction.

Task 4. Final Database (Contract PWS B.1, B.3, C.4)

The contractor shall provide revised and final databases for the results of the benthics analyses reported in Task 1. The contractor shall provide:

- a. Responses to EPA's questions about the data, as conveyed by the EPA TOCOR's technical direction.
- b. Revised databases per written technical direction describing required changes based upon EPA's review of the data and reconciliation activities.

- c. Final database that incorporates revisions identified by the EPA TOCOR's technical direction.

Deliverables and Schedule under Task 4:

Subtask	Deliverable	Due
a.	Email with responses to data questions	1-5 working days per technical direction
b.	Revised databases and emails that summarize the changes	10 working days after receiving the EPA TOCOR's written technical direction. The contractor shall assume five revisions and associated summaries will be required as a result of EPA's review of the data.
c.	Final database	10 working days after receiving written technical direction; but no later than 5 working days prior to the end of the period of performance.

VI. TRAVEL

EPA does not anticipate that any travel will be necessary to perform the tasks in the Performance Work Statement.

VII. QUALITY ASSURANCE SURVEILLANCE PLAN

EPA will judge performance using the following Quality Assurance Surveillance Plan (QASP).

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
Management and Communications: The Contractor shall maintain contact with the EPA TOCOR throughout the performance of the task order and shall immediately bring potential problems to the attention of the EPA TOCOR. In cases where issues have a direct impact on project schedules, cost, time, or quality, the contractor shall provide options for EPA's consideration on resolving the issues or mitigating their impacts.	Any issue adversely impacting project schedules, cost, time or quality shall be brought to the attention of the EPA TOCOR within 3-working days of occurrence.	EPA TOCOR will identify unreported issues.	Two or more incidents where the contractor: <ul style="list-style-type: none"> Does not provide timely notification; or Created a severe adverse situation will be considered unsatisfactory performance and will be reported as such in the CPARS Performance Evaluation System under the category of Management . Fewer than two incidents where the contractor does not meet the measureable performance standard will be considered acceptable performance and will be

Performance Requirement	Measureable Performance Standards	Surveillance Method	Incentives/Disincentives
			reported as such in the CPARS Performance Evaluation System under the category of Business Relations
Timeliness: Data (Task 1) and databases (Task 4) shall be delivered in accordance with the schedule developed in PWS Task 1. After EPA accepts the final schedule in Task 1, it is unlikely that EPA will be willing to extend the schedule due to any factors under the contractor's control (e.g., to complete work under another contract).	<ul style="list-style-type: none"> No more than 25% of the data for Task 1 shall be submitted more than 3 working days past the date in the accepted schedule. None of the data for Task 1 shall be submitted more than 40 working days past the date in the accepted schedule. No more than 10% of the revised databases (Task 4) shall be submitted more than 3 working days past the date in the accepted schedule. No delays in submitting the final database (Task 4) by the "no later than" date in the PWS. 	100% of the progress reports, data submissions, and databases will be reviewed by the EPA TOCOR monthly to compare actual delivery dates against those in the approved schedule from Task 1.	Unsatisfactory rating under the category of Schedule in CPARS when the contractor does not meet the measurable performance standards during the applicable period of performance.
Technical Effort: The Contractor shall assign appropriately leveled and skilled personnel to all tasks; and abide by the contractor's QMP, the NRSA QAPP, and the benthics method.	<p>No more than 25% of reviewed deliverables and data shall require revisions to meet the requirements of the QMP, NRSA QAPP, data templates, and benthics method.</p> <p>None of the samples in the final database (Task V.4) shall have counts less than 500 organisms unless the entire sample was sorted and identified.</p> <p>All of the assigned staff must meet the LOM requirements for their assigned duties.</p>	100% of the data, taxonomists' resumes, and training certifications (per Task 1) will be reviewed by the EPA TOCOR to identify noncompliance issues with the QMP, NRSA QAPP, and benthics method.	Unsatisfactory rating under the category of Quality in CPARS when the contractor does not meet the measurable performance standards during an applicable period of performance.

**POINTS OF CONTACT
NARS2 CONTRACT
EP-C-16-007 Task Order 1**

Title: 2018-2019 National Rivers and Streams Assessment: Benthic Macroinvertebrate Identification

The contractor shall provide contact information for the prime contractor and laboratory. If the contract is awarded, EPA will use this information in contacting the contractor and providing shipping instructions to the batch laboratory and/or field crews. Use the template in Table 1 or any other format that provides the required information. Also include any special shipping instructions, recommendations, and/or preferences (e.g., fill bucket to only 75%).

Table: Contact Information

Person's role in the task order	Organization	Person's name	Phone	Email (most EPA and logistics-related communications will be by email)	Include person on emails (Y/N)
TO Leader (required)	Prime				
Other prime contacts (e.g., TO coordinator)	Prime				
Lab contact (for shipping questions)	Lab (include shipping address for samples and any special instructions)				
Backup lab contact	Lab				
Others?					

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE CPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Avanti Corporation Attn: LYNN PETRAZZUOLO 5520 CHEROKEE AVENUE SUITE 205 ALEXANDRIA VA 223122319		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-007 0001	
CODE 796250538		FACILITY CODE		10B. DATED (SEE ITEM 13) 03/14/2017	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule					
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 796250538 The purpose of this modification is to revise the wording in the CLINS to read as follows: CLIN 1 Changes From: Base Period Changes To: Base Effort CLIN 2 Changes From: Option Period 1 Changes To: Optional Effort Continued ...					
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sandy Licis		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	
				16C. DATE SIGNED 03/14/2017	

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
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NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>TOCOR: bhasty Max Expire Date: 11/30/2020</p> <p>Delivery Location Code: OW-OWOW-AWPD-MB</p> <p>AWPB-MB</p> <p>US EPA-OW-OWOW-AWPD-MB</p> <p>1200 PENNSYLVANIA AVE., NW</p> <p>MC-4503-T</p> <p>WASHINGTON DC 20460</p> <p>Payment:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>FOB: Destination</p> <p>Period of Performance: 02/01/2018 to 11/30/2020</p> <p>All other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 3	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00002		See Block 16C		PR-OW-18-00333			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x) 9A. AMENDMENT OF SOLICITATION NO.			
Avanti Corporation Attn: LYNN PETRAZZUOLO 5520 CHEROKEE AVENUE SUITE 205 ALEXANDRIA VA 223122319				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-007 0001			
				10B. DATED (SEE ITEM 13) 03/14/2017			
CODE 796250538		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				(b)(4)			
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.216-22						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
The purpose of this modification is to:							
1. Exercise 7 options for a total of (b)(4)							
2. Obligate funding in the amount of (b)(4)							
TOCOR: bhasty Max Expire Date: 11/30/2020							
LIST OF CHANGES:							
Reason for Modification: Exercise an Option							
Obligated Amount for this Modification: (b)(4)							
New Total Obligated Amount for this Award: (b)(4)							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		06/26/2018	
				(Signature of Contracting Officer)			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-007/0001/P00002	PAGE	OF
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NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Buyer changed from D'Andre Boulden to Nicholas Bisher</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 Description changed from Optional Effort</p> <div>(b)(4)</div> <p>CHANGES FOR LINE ITEM NUMBER: 1</p> <div>(b)(4)</div> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-E1-87FM-000B06XP1-4183-1887ME8012-001 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) E1 Budget Organization 87FM Program (PRC) 000B06XP1 Budget (BOC) 4183 Job # (Site/Project) Cost Organization DCN-LineID 1887ME8012-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
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NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>18-19-B-87FM-000BD4-2505-1887ME8012-002</p> <p>Beginning FiscalYear 18</p> <p>Ending Fiscal Year 19</p> <p>Fund (Appropriation) B</p> <p>Budget Organization 87FM</p> <p>Program (PRC) 000BD4</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1887ME8012-002</p> <p>Quantity: 0</p> <p>Amount: (b)(4)</p> <p>Percent: (b)(4)</p> <p>Subject To Funding: N</p> <p>Payment Address:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 2771</p> <p>Delivery Location Code: OW-OWOW-AWPD-MB</p> <p>AWPB-MB</p> <p>US EPA-OW-OWOW-AWPD-MB</p> <p>1200 PENNSYLVANIA AVE., NW</p> <p>MC-4503-T</p> <p>WASHINGTON DC 20460</p> <p>Payment:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> <p>Period of Performance: 02/01/2018 to 11/30/2020</p> <p>All other terms and conditions remain unchanged.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 3	
2. AMENDMENT/MODIFICATION NO. P00003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OW-18-00524	
5. PROJECT NO. (If applicable)		6. ISSUED BY CP0D		7. ADMINISTERED BY (If other than Item 6)	
CP0D US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Avanti Corporation Attn: LYNN PETRAZZUOLO 6621 Richmond Hwy #200 Alexandria VA 223066602		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-007 0001	
				10B. DATED (SEE ITEM 13) 03/14/2017	
CODE 796250538		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule (b)(4)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22

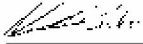
E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
DUNS Number: 796250538
The purpose of this modification is to:

(b)(4)

2. Update the Contracting Officer to Nicholas Bisher, (513) 487-2652,
bisher.nicholas@epa.gov
TOCOR: bhasty Max Expire Date: 11/30/2020
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nicholas Bisher	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 08/09/2018

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
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2 3NAME OF OFFEROR OR CONTRACTOR
Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification: Exercise an Option</p> <p>Obligated Amount for this Modification: (b)(4)</p> <p>Contracting Officer changed from Sandra Stargardt-Licis to Nicholas Bisher</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Description changed to Base Effort (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-E1-87FM-000B06XP1-4183-1887ME8022-001 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) E1 Budget Organization 87FM Program (PRC) 000B06XP1 Budget (BOC) 4183 Job # (Site/Project) Cost Organization DCN-LineID 1887ME8022-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 Description changed to Optional Effort (b)(4) Continued ...</p>				

REFERENCE NO. OF DOCUMENT BEING CONTINUED
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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<div style="border: 1px solid black; height: 100px; width: 400px; margin-bottom: 10px;"></div> <div> Delivery Location Code: OW-OWOW-AWPD-MB AWPB-MB US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T WASHINGTON DC 20460 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 11/30/2020 All other terms and conditions remain unchanged. </div>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
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2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00004		See Block 16C		PR-OW-19-00166			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: NWD							
Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
Avanti Corporation							
Attn: LYNN PETRAZZUOLO						9B. DATED (SEE ITEM 11)	
6621 Richmond Hwy #200							
Alexandria VA 223066602							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						EP-C-16-007	
						0001	
						10B. DATED (SEE ITEM 13)	
						03/14/2017	
CODE 796250538		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
The purpose of this modification is to update the Task Order Contracting Officer's Representative (TOCOR) from Brian Hasty to Lareina Guenzel. 202-566-0455, Guenzel.Lareina@epa.gov.							
TOCOR: Lareina Guenzel Max Expire Date: 11/30/2020 Invoice Approver: Lareina Guenzel							
LIST OF CHANGES:							
Reason for Modification: Other Administrative Action							
Total Amount for this Modification: \$0.00							
New Total Amount for this Version: \$0.00							
New Total Amount for this Award: \$955,760.00							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Nicholas Bisher			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		ELECTRONIC SIGNATURE 03/04/2019	

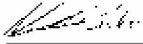
CONTINUATION SHEET

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NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Contracting Officer Representative changed from Brian Hasty</p> <p>to Lareina Guenzel</p> <p>TOCOR (Task Order Contracting Officer's Representative) changed to : Lareina Guenzel Invoice Approving Official changed to : Lareina Guenzel</p> <p>Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Unknown Period of Performance: 02/01/2018 to 11/30/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
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2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00005		See Block 16C		PR-OW-19-00214			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: NWD							
Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				EP-C-16-007			
				0001			
				10B. DATED (SEE ITEM 13)			
				03/14/2017			
CODE 796250538		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
The purpose of this modification is to (b)(4)							
(b)(4)				There is no change to the total obligated funding (net-zero change).			
TOCOR: Lareina Guenzel Max Expire Date: 11/30/2020 Invoice Approver: Lareina Guenzel							
LIST OF CHANGES:							
Reason for Modification: Funding Only Action							
Total Amount for this Modification: \$0.00							
New Total Amount for this Version: (b)(4)							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Nicholas Bisher			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				 (Electronic Signature) (Signature of Contracting Officer)		04/09/2019	
(Signature of person authorized to sign)							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-007/0001/P00005	PAGE	OF
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NAME OF OFFEROR OR CONTRACTOR
Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>CHANGES FOR ACCOUNTING CODE: 18-19-B-87FM-000BD4-2505-1887ME8012-002 Amount changed from (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-B-87FM-000BD4-2505-1987ME9005-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) B Budget Organization 87FM Program (PRC) 000BD4 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1987ME9005-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 2771 Delivery Location Code: OW-OWOW-AWPD-MB AWPB-MB US EPA-OW-OWOW-AWPD-MB 1200 PENNSYLVANIA AVE., NW MC-4503-T WASHINGTON DC 20460</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 11/30/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 3	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00006		See Block 16C		PR-OW-19-00550			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CPOD							
CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x) 9A. AMENDMENT OF SOLICITATION NO.			
Avanti Corporation Attn: LYNN PETRAZZUOLO 6621 Richmond Hwy #200 Alexandria VA 223066602							
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-007			
				0001			
				10B. DATED (SEE ITEM 13)			
CODE 796250538				FACILITY CODE			
				03/14/2017			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				(b)(4)			
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Unilateral - FAR 52.216-22						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
The purpose of this modification is to (b)(4)							
(b)(4)							
(b)(4) This modification also provides funding in the amount of (b)(4) for the additional option exercised, which fully funds the task order ceiling of (b)(4)							
TOCOR: Lareina Guenzel Max Expire Date: 11/30/2020 Invoice Approver: Lareina Guenzel Alt Invoice App: Richard Mitchell							
LIST OF CHANGES:							
Reason for Modification: Exercise an Option							
Total Amount for this Modification: \$0.00							
New Total Amount for this Version: \$955,760.00							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Nicholas Bisher			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				 (Electronic Signature) (Signature of Contracting Officer)		08/13/2019	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-16-007/0001/P00006PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Amount for this Award: \$955,760.00 Obligated Amount for this Modification: (b)(4)</p> <p>New Total Obligated Amount for this Award: (b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 Description changed to: Optional Effort (b)(4)</p> <p>(b)(4)</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Description changed to: Base Effort (b)(4)</p> <p>Obligated Amount for this Modification: (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB (b)(4)</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-E4-87FL-000BL7-2505-1987LE9006-001 Beginning FiscalYear 19 Ending Fiscal Year Fund (Appropriation) E4 Budget Organization 87FL Program (PRC) 000BL7 Budget (BOC) 2505 Job # (Site/Project) Cost Organization Continued ...</p>				

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	EP-C-16-007/0001/P00006	3	3

NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	DCN-LineID 1987LE9006-001 Quantity: 0 Amount: (b)(4) Percent: (b)(4) Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 11/30/2020				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00007		See Block 16C					
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: W136							
Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
Avanti Corporation				9A. AMENDMENT OF SOLICITATION NO.			
Attn: LYNN PETRAZZUOLO							
6621 Richmond Hwy #200				9B. DATED (SEE ITEM 11)			
Alexandria VA 223066602							
				x			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				EP-C-16-007			
				0001			
				10B. DATED (SEE ITEM 13)			
				03/14/2017			
CODE 796250538		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
TOCOR: Lareina Guenzel Max Expire Date: 11/30/2020 Invoice Approver: Lareina Guenzel Alt							
Invoice App: Richard Mitchell							
LIST OF CHANGES:							
Reason for Modification: Other Administrative Action							
Buyer changed from Nicholas Bisher to Amanda Toole							
Contracting Officer changed from Nicholas Bisher to Sandra Stargardt-Licis							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				ELECTRONIC SIGNATURE		09/03/2020	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

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CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-C-16-007/0001/P00007

PAGE

OF

2

2

NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Section I: Clause titled "Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020)" is incorporated by reference.</p> <p>Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020)</p> <p>The purpose of this modification is to incorporate the attached EPA blanket administrative modification signed by Raoul Scott on July 30, 2020 and to change the Contract Specialist to Amanda Toole and to change the Contracting Officer to Sandra Stargardt-Licis. All other terms and conditions remain unchanged.</p> <p>Payment:</p> <p>RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Period of Performance: 02/01/2018 to 11/30/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NUMBER		3. EFFECTIVE DATE 08/13/2020		4. REQUISITION/PURCHASE REQUISITION NUMBER		5. PROJECT NUMBER (If applicable)	
6. ISSUED BY Raoul D. Scott, Director OMS/ARM/OAS/Policy, Training and Oversight Division US Environmental Protection Agency, Mail Code 3802R 1200 Pennsylvania Avenue, NW Washington, DC 20004		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) To All EPA Contractors				<input checked="" type="checkbox"/> (X)		9A. AMENDMENT OF SOLICITATION NUMBER	
				<input type="checkbox"/>		9B. DATED (SEE ITEM 11)	
				<input checked="" type="checkbox"/> (X)		10A. MODIFICATION OF CONTRACT/ORDER NUMBER To all EPA Contracts and Orders	
				<input type="checkbox"/>		10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
<input type="checkbox"/>	
<input checked="" type="checkbox"/> (X)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This contract/order is being modified in accordance with the applicability instructions in interim FAR Case 2019-009, and FAR 4.2105, requiring contracting officers to include FAR clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

See attached for the full text version of FAR 52.204-25. Contractor Acknowledgment of receipt required.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Raoul D. Scott, Director Policy, Training and Oversight Division	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA RAOUL SCOTT Digitally signed by RAOUL SCOTT Date: 2020.07.30 11:40:17 -04'00'	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

Previous edition unusable

52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

As prescribed in 4.2105(b) and in the applicability instructions in interim FAR Case 2019-009, insert the following clause:

Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)

(a) Definitions. As used in this clause—

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means—

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means—

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(b) Prohibition. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.

(c) *Exceptions.* This clause does not prohibit contractors from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause

(i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00008		See Block 16C		PR-OW-21-00152			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
Avanti Corporation Attn: LYNN PETRAZZUOLO 6621 Richmond Hwy #200 Alexandria VA 223066602							
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x			
				10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-16-007			
				0001			
				10B. DATED (SEE ITEM 13)			
				03/14/2017			
CODE 796250538		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Decrease:		-\$180,960.00	
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X	D. OTHER (Specify type of modification and authority) Bilateral - FAR 52.232-22; EPA-B-32-101						
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 796250538							
The purpose of this modification is to (b)(4) All other terms and conditions remain unchanged.							
TOCOR: Lareina Guenzel Max Expire Date: 11/30/2020 Invoice Approver: Lareina Guenzel Alt							
Invoice App: Richard Mitchell							
LIST OF CHANGES:							
Reason for Modification: Funding Only Action							
(b)(4)							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Sandra Stargardt-Licis			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		03/11/2021	
				(Signature of Contracting Officer)			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-16-007/0001/P00008	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR

Avanti Corporation

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Obligated Amount for this Award: \$687,100.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Description changed from Base Effort</p> <p>Total Amount changed from (b)(4) (b)(4)</p> <p>Obligated Amount for this Modification: (b)(4)</p> <p>CHANGES FOR DELIVERY LOCATION: OW-OWOW-AWPD-MB Amount changed (b)(4)</p> <p>CHANGES FOR ACCOUNTING CODE: (b)(4)</p> <p>CHANGES FOR ACCOUNTING CODE: 18-E1-87FM-000B06XP1-4183-1887ME8022-001 (b)(4)</p> <p>CHANGES FOR ACCOUNTING CODE: 19-E4-87FL-000BL7-2505-1987LE9006-001 (b)(4)</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 02/01/2018 to 03/18/2021</p>				